



OTC

Customizable Modular Panel PC Solution

- > x86 PC Based Platform (Intel ATOM, Core i Processor)/ ARM Based Platform (Rockchip, NXP)
- > Full Flat Front Panel with Projected Capacitive Touch Supports Multi Touch
- > 10.1"~21.5" Screen Size depend on Select Model
- > USB3.0, RS-232/422/485, Gigabit LAN
- > Available Expansion for Audio, USB, COM, HDMI, MPCle, GPIO, CAN Bus
- > Physical Buttons Support (Emergency Stop, On/Off, Handwheel, MPG Encoder)
- > Wide Voltage +12V ~ +26V or +9V~+36V Input, ErP Power
- > IP65 Compliant Front Panel, IP67 for Control Panel Button, Oil-Resistant
- > CNC Machine Operator Control Panel Support for FNAUC, Mitsubishi, Fagor
- > Panel Encryption, PLC Program Circuit Board Customized

+ Spec

System Information

Processor	Intel® Core™ I Processor Intel® Celeron® Processor Intel® Atom™ Processor Rockchip Processor NXP i.MX Processor *Depend on Select Platform
System Memory	System Memory Capability will Depend on Select Platform
Watchdog Timer	H/W Reset, 1sec. ~ 65535min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage

Panel

LCD Panel	10.1" 1280 x 800, 350 cd/m ² 12.1" 1024 x 768, 600 cd/m ² 15" 1024 x 768, 300 cd/m ² 15.6" 1920 x 1080, 250 cd/m ² 17" 1280 x 1024, 350 cd/m ² 21.5" 1920 x 1080, 250 cd/m ²
Touch Type	Projective Capacitive Multi-Touch

Certifications

Certification Information	CE FCC Class A
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Mechanical & Environmental

Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 1hr/axis
Shock Test	Operating with SSD/CFast/mSATA : MIL-STD-810G, Method 516.6, Procedure I, functional shock=20G
Mounting Kit	Wall / Stand / VESA 200mm x 200mm
Power Mode	AT/ATX (ATX is default setting)
System Fan	Fanless
Construction - Front	Metal
Construction - Rear	Metal

Software Support

OS Information	Windows 10 / Linux iFace-Designer® RENITY SENTINEL 2
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Button

Button	Option for Below: Emergency Stop Button Physical On/Off Button Meter Membrane Button New Transparent Button Laser Engraving ABS Button Crystal Acrylic Button Manual Pulse Generator (MPG) Encoder Security Key Handwheel Handle
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+ Ordering

